



# **SPACE SCHOOL MUSICAL**

**LYRICS**

**A KidTribe Production**

**Created & Written by:**  
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## ACKNOWLEDGEMENT

**Space School Musical** is a partnership between NASA's Discovery and New Frontiers Programs and KidTribe. Kellee McQuinn created, wrote and directed the musical. Kellee and Dr. Gale K. Gorke created and wrote the Activity Guide. Shari Asplund, Discovery and New Frontiers Education and Outreach Manager, oversaw development and production of the musical and the accompanying guides.

Learn more @ <http://discovery.nasa.gov> and <http://kidtribe.com>

# S-P-A-C-E



**Intro:**

**MOM:** Earth to Hannah, time for bed...

**HANNAH:** OK Mom - just a little bit longer. I'm finishing up my project for the science fair tomorrow.

**MOM:** OK - Five minutes.

**HANNAH:** (*sings*)

**Verse 1:**

Up there, out there  
I want to go out there  
Where life is like  
A giant science fair

If I was as smart as Einstein  
I'd have an easier time  
Like Newton or Galileo  
Those guys are my heroes.

Wishin' I was on a mission  
Like Stardust or Kepler or Dawn  
Cruising the planets and beyond  
Seeing where we all comes from

All the kids at school  
Don't think I'm very cool  
They call me space cadet  
I wish I could fly away in a rocket

**Chorus**

The only place for me  
A place I can be free  
S-P-A-C-E  
It's where I got to be  
(Repeat)

**Chorus**

The only place for me  
A place I can be free  
S-P-A-C-E  
It's where I got to be

**Verse 2**

The project's due tomorrow  
And I have to go to bed  
(MOM: OK Hannah - time's up!)

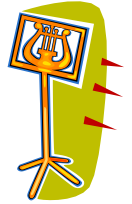
But I gotta finish it tonight  
Or else I'll get an "F"  
(MOM: I'm serious Hannah!)

OK - I'm almost done!

The only place for me  
A place I can be free  
S-P-A-C-E  
It's where I got to be

Where I got to be  
Where I got to be  
S-P-A-C-E  
Where I got to be!

# PLANETARY POSSE



*Intro:*

**HANNAH:**

*Wow. Where am I? Who are you guys?*

**Chorus - EVERYONE**

We are the place to be  
In the Galaxy

The Planetary Posse  
For everybody to see

We are the place to be  
In the Galaxy

If you don't hang with me  
You're just a wanna-be!

**SUN:**

I am the Sun  
Burning bright for everyone  
4 million tons  
Of hydrogen turned helium

It's no delusion  
It's just nuclear fusion  
It's been proven  
That I'm always movin'

I got the pull  
Keepin' y'all in line  
Got ya' spinning on your axis  
Throughout space and time

Put your hands up in the air  
To see a solar flare  
C'mon feel the commotion  
Of this giant explosion!

**PLANETS:** He's hot (*How hot?*)

**SUN:** 10,000 degrees

**PLANETS:** He's big (*How big?*)

**SUN:** Almost a million miles

**PLANETS:** He's old (*How old?*)

**SUN:** 4  $\frac{1}{2}$  billion years

And if you don't believe me, just ask  
my peers.

We got MERCURY, VENUS, EARTH,  
and MARS

They're my crew along with all the  
other moons and stars

Then there's JUPITER, SATURN, and  
of course URANUS

He's a really nice planet though his  
name is heinous!

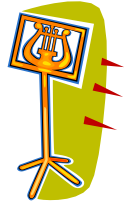
Don't forget NEPTUNE, PLUTO, and  
his dwarfy friends

The Universe is cool because it NEVER  
ENDS!

Each one of these peeps has got  
something to say

The most talented troupe in the Milky  
Way!!!

# PLANETARY POSSE



## **MERCURY:**

Yo' I'm Mercury  
You can call me Merc  
First planet in line  
But that don't make me a jerk.

Yeah, I'm #1  
I go around the Sun  
In just 88 days  
I get cold and then I blaze.

I'm not tilted or wilted  
'Cuz I got no air  
Covered with craters  
So please don't stare.

I'm rocky and stocky  
Built like a jockey  
Smallest of our bunch  
Made of metals packed with punch  
Yo'!

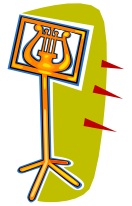
## **VENUS:**

V to the E to the N - U - S  
I'm the hottest and brightest  
Don't be envious

I've got a nickname  
It's "Morning Star"  
And I'm covered in clouds  
That are thick as tar

There are volcanoes  
All over my surface  
Forgive me if I'm volatile  
It's not on purpose  
I'm the 2<sup>nd</sup> closest planet  
To the Sun  
If you like sulfuric acid  
We could have some fun!

# PLANETARY POSSE



## **EARTH:**

Third is the word  
My name is Planet Earth  
I'm oozing with life  
Every day I give birth

To plants and people  
And animals and bugs  
I'm like a big round mama  
And I love to give hugs

To the North Pole

**WHOA!**

And the South Pole

**WHOA!**

To the moon

**WHOA!**

And the O<sub>2</sub>

**WHOA!**

I'm a blue & white marble  
Floating in space  
With jungles, rocks and oceans  
And tectonic plates

I got an atmosphere, biosphere  
Geosphere & hydrosphere  
And if that's not enough  
I've even got a cryosphere!

About 8000 miles wide  
But I don't need a diet  
Got lots of gravity  
Dare you to defy it

I've got summer, winter  
Spring and fall  
If you haven't guessed yet  
I've got it all

## **MARS:**

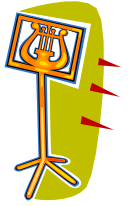
Wassup' I'm Mars!  
I'm red as rust  
Topped with canyons and craters  
All covered in dust

Got CO<sub>2</sub>  
And H<sub>2</sub>O  
Will people live on me?  
Wouldn't you like to know?

I've got 24 hours  
In my day  
And I'm a lot like Earth  
Some scientists say

But I own 2 moons  
And lots of dunes  
C'mon hit the floor  
For planet # 4!

# PLANETARY POSSE



## **JUPITER:**

I'm Jupiter  
And I'm really huge  
The largest planet, in fact  
With 62 moons

Got a Great Red Spot  
On my face  
And I'm the fastest spinner  
If you wanna race

I've got colored bands  
A giant made of gas  
There're clouds & storms  
All over my mass

Takes me 12 years  
To orbit 'round the Sun  
If you jive with # 5  
Then I'm your favorite one!

## **SATURN:**

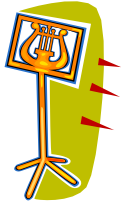
Hey everybody  
I'm 6<sup>th</sup> and I'm Saturn  
I got swirly winds  
In a stripey pattern

I'm pretty famous  
For my pretty rings  
But what I really love to do  
Is dance and sing

With my 62 moons  
I'm never alone  
Hydrogen and helium  
Call me their home

My magnetosphere  
Makes a gorgeous aurora  
Loop the Sun in 29 years  
Hope that doesn't bore ya'

# PLANETARY POSSE



## **URANUS:**

I'm lucky # 7  
Uranus is my name  
Living way up in the heavens  
Got some ice and methane

I like to spin  
On my side  
And in reverse  
Kick it with a backslide

I'm electric  
And greenish blue  
Got lots of seasons  
And 27 moons

In 84 years  
I'll orbit our Sun  
Doing windmills the whole way  
Poppin', lockin', spinning, spun!

## **NEPTUNE:**

Yo' I'm Neptune  
And I'm really far out  
I've got a Great Dark Spot  
That's nothin' to laugh about

I'm freezing cold  
Got methane ice  
I'm blue as an ocean  
In paradise

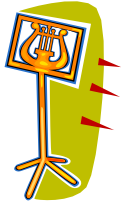
My 13 moons and I  
Like to travel  
Plus I've got a few rings  
Made of rocks and gravel

All of my days  
Are not very long  
Just 17 hours  
Almost as long as this song!

I'm the 8<sup>th</sup> and last planet  
Out of my homies  
165 years from the Sun  
It can get kinda lonely



# PLANETARY POSSE



## ***PLUTO:***

Hi I'm Pluto  
And I've been demoted  
I demand a recount  
For all who voted

Now I'm a dwarf planet  
Hangin' in the Kuiper Belt  
But I still can jam it  
So cool I'll never melt

I got 3 moons  
And a few new pals  
Here's the other dwarfs  
In alphabetical

There's Ceres, Eris  
Haumea & Makemake  
Maybe 200 more  
Which is quite a shocka'

I'm the king of the munchkins  
But that's alright  
I'm still a stellar feller  
And I'll always shine bright!

## ***Chorus - EVERYONE***

We are the place to be  
In the Galaxy

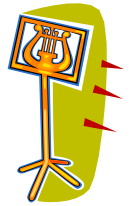
The Planetary Posse  
For everybody to see

We are the place to be  
In the Galaxy

If you don't hang with me  
You're just a wanna-be!

## ***Repeat***

# ORBITAL MECHANICS -GRAVITY-



## *Intro:*

*HANNAH: Space is so cool. It's like a big party. There's a pulse that keeps the groove, but what makes everything move?*

## **GRAVITY DANCERS:**

We like to move it! We like to groove it! We like to - we like to - we like to **MOVE IT!**

## *Song:*

Gravity's got a grip on me  
Gravity can get heavy  
Gravity's a force that brings me  
**DOWN, DOWN, DOWN, DOWN!**

Rotation needs coordination  
Dizzy, whizzy, fly, gyration  
Whirling, swirling, turning, spinning  
**ROUND, ROUND, ROUND, ROUND!**

Revolution is the way we roll  
Ring around the orbital  
Swivel, cycle, circle  
Loop the **SUN, SUN, SUN, SUN!**

Magnetizing can be hypnotizing  
It's so strong there's no compromising  
Attracting, bringing, pulling,  
It's so **FUN, FUN, FUN, FUN!**

Propulsion is to accelerate  
Caffeinate right into space  
Push, propel, launch  
Into the **AIR, AIR, AIR, AIR!**

Trajectory - what the heck does that mean?  
Hit a moving mark accurately  
Direct connect, aiming  
But to **WHERE, WHERE, WHERE, WHERE?**

## *Outra:*

Gravity! It's a pull party!  
Gravity! You got a hold on me!  
Rotation! No flakin'!  
Rotation! Gyration!  
Revolution! Keep Movin'!  
Revolution! Keep cruisin'!  
Magnetize! Hey guys!  
Magnetize! Don't be shy!  
Propulsion! Keep the motion!  
Propulsion! Big explosion!  
Trajectory! Got the best of me!  
Trajectory!  
Aim for what you see!

We like to move it, move it!  
We like to groove it, groove it!  
We like to, we like to, we like to  
**MOVE IT!!!**

# MOONDANCE



*Intro:*

*HANNAH: One small step for man, one giant leap for mankind*

## **ALL MOONS:**

It's a marvelous night for a moondance  
So let's moonwalk the night away  
Inviting all of the lunatics  
To come on, come out and play

We're the moons and we like to orbit  
Staying loyal to our planet  
We go round and round and round it  
So much love we can hardly stand it

Some like to call us satellites  
There're hundreds of us in the sky  
More moons discovered every day  
Lighting up the darkest nights

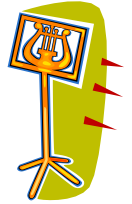
We've all got one thing in common  
That we're totally unique  
Some are huge and some are tiny  
Some are spheres and some are freaks

Some of us are icy  
Some are dust and rock and stone  
Some of us have really cool names  
And some of us are unknown

The most famous moon of all  
Is anything but small  
She's the 2<sup>nd</sup> brightest body in the sky  
She's the Earth's best friend and trusted ally

She goes simply by the name Moon  
Depending on what language you speak  
Man has walked upon her  
She's a chic antique!

# MOONDANCE



## ***EARTH'S MOON:***

I've got no atmosphere to speak of  
No sound or wind or air  
The footprints that Armstrong left  
on me  
Are actually still there

I've got 1/6 of Earth's gravity  
And I'm a quarter of her size  
I might be a bit less powerful  
But I control her oceans' tides

I'm egg-shaped and have  
moonquakes  
I attract lots of solar wind  
Got craters, mountains and ice.  
Yeah I'm pretty thick skinned.

People only see one side of me  
My smiling happy face  
But what most of them don't know  
is  
That I'm moving further away in  
space

In space...

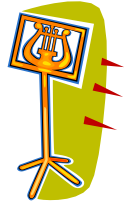
## ***ALL MOONS:***

We're all stuck in our planets'  
gravity  
They adopted us long ago  
We feel a devoted harmony  
Staying close to our happy home

So it's a marvelous night for a  
moondance  
So let's moonwalk the night away  
Inviting all of the lunatics  
To come on, come out and play

Space out!

# METEOR-WRONG BLUES



*Intro:*

*HANNAH: Wow... what was that flash of light? Hey - are you a comet?*

*METEOR: A comet? You've got to be kidding me.*

*HANNAH: Oh - I'm sorry. Didn't mean to upset you.*

*METEOR: Kid... you don't know the half of it.*

**METEOR:**

Sometimes I don't feel right  
Like I'm a Meteor-Wrong  
Wandering alone at night  
So I sing this sad, sad song  
'Cuz I'm misunderstood  
Lots of people think I'm a comet  
That don't feel so good  
It makes me feel totally unwanted

Let's set the record straight  
I've got a few types names  
None of 'em are as hip as Halle Bop  
But it's my only claim to fame  
When I'm up in space  
I'm called a Meteoroid  
A pea sized piece of rock  
Homeless and unemployed

When I'm in Earth's atmosphere  
I'm called a Meteor  
Just a quick flash of light  
Sorry if you wanted more  
But I'm doing the best  
I'm doing the best that I can  
If you're looking for something long  
lasting  
Then I guess I'm not your woman

They call me a shooting star  
But I'm not even a star  
I'm a tiny piece of debris  
That's going fast and really far  
Sometimes I can reach speeds  
Like 100,000 miles an hour  
But if I'm from a comet  
You can see thousands of me in a  
meteor shower

Sometimes I hit the ground  
That's when I'm a Meteorite  
I cause a big explosion  
I don't mean to be impolite  
I'm just a complex girl  
A complex girl who makes mistakes  
But if I land on your house  
I didn't mean for everything to break

So if you wish upon me  
I hope it comes true  
But if it don't  
There's nothin' I can do  
Cuz sometimes I'm just a Meteor-  
Wrong  
And that is just the truth  
Till then I got those pitiful  
Meteor Wrong Blues!

# STAND-UP COMET



**ANNOUNCER:** *Ladies and gentlemen, Direct from the Oort Cloud, it's the funny man himself, Here's Halley...*

**COMET:**

Hello everybody - how we doing tonight? It's good to see ya' here! Wacka! Wacka! Wacka! All right. We're gonna have some fun. My name is Halley, I'm a comet. A stand-up comet... Alrighty then. OK.

So guys, you're looking good out there. I see a couple shining stars in the audience... and a couple stars with shiners. Look at that guy over there - he's a real crater face. A face only a mother could love.

Speaking of mothers, my mother's so old she's made of dust. Zing! Hello...

Geez, can't I get a laugh? Ya' think is easy up here? Cut me some slack - I'm the only guy in space who gets booked every 75 years. Who's my agent? Father Time? Hello...

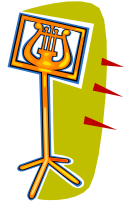
Geez, a black hole has more personality than you guys... Really.

Lemme tell you, my neighborhood's really gone downhill. The Kuiper belt ain't what it used to be. I've got this crazy rap band blasting me out next door. What are they called, the Neptunes or something? The only good thing about 'em is they're louder than my wife. Hello... Don't even get me started on her...

My wife - she's always on me to do something about my hair - she doesn't like the tail. She says mullets went out of style last millennium. I say, "Hey! Mulletts are cool. Listen, you got business in the front and party in the back!" Come on!

My wife, she's always complaining about my wardrobe. Telling me to pull up my pants 'cuz she can see the moon. So what'd she get me for my 4 billionth birthday? Another asteroid belt. Another one? C'mon - can't a guy get some socks? - it's cold out here!

# STAND-UP COMET



So what do you think about that Saturn? Pretty cute, huh? We go way back. I knew her since she was a kid. Sweet girl but not so clean. Her mother used to say every time she got out of the bathtub she left a ring. Zing!

Believe it or not I'm not much of a ladies man. I've never had much luck with the ladies. I picked up this nickname "Dirty Snowball" somewhere along the way. What's that supposed to mean? First of all I'm made of ice, thank you very much. And I'm no dirtier than all those gas-bag planets, like Uranus. Don't even get me started on him... He still owes me money...

I got a couple of kids. They're a piece of work, I tell ya'. Junior calls himself Hale Bopp - he's a bright one though he'll go far. But the other ones I hardly ever see...kids these days, so hard to keep track of 'em. I got this one who's a hooligan. One night he's on a joyride around the solar system and BOOM, crashes right into Jupiter. He said he didn't see it. How can you not see the biggest planet in the solar system. Hello. So I ask him, "Weren't you wearing your glasses?" He says, "Yeah Pops - but they kept freezing up"... Because of the atmosphere.

Alright, they're telling me rap it up. I gotta get on the bus. The driver's crazy - all over the road. A real astronaut... Nut!

Anyway you've all been great. I hear the food's delicious even though this place lacks atmosphere. And from the sounds of it, an inability to recognize true talent... Me!

Tip your waitresses. Keep shooting for the stars. And watch out for those Asteroids. Crazy kids!

# THE ASTEROID GANG



## ASTEROIDS:

We're the asteroids! YEAH!!!

Smash, bash, clash, crash

Slam, wham, bam, ram

Asteroids!

We're the asteroids!

We're the asteroids!

We're the asteroids! We rock!

Made of iron and rock

And we're born to rock

No need to talk

We got Mohawks

We're the asteroids!

Asteroids. We rock. We rock.

We haven't changed

Not gonna change

So don't disdain

If you go insane

We can be a pain

But can't be tamed

'Cuz we're DANGEROUS!!!

We rock. We rock. We rock. We rock.

We rock. We rock. We rock. We rock.

We're the asteroids. We rock.

We've got a belt

The Asteroid Belt

If you hit this belt

You'll get a welt

We mosh around

And can be found

By Jupiter & Mars downtown

We're the Asteroids!

Asteroids!

We rock!

We're the Asteroids!

Asteroids!

We rock! Rock! Rock!

Rock! Rock! Rock! Rock!!!

We're strange & small

But if we fall

Like a cannonball

On you you'll call

The hospital

Don't take it personal

We're anarchical

WE'RE RADICAL!

We rock! We rock!

We rock! We rock!

We rock! Rock! Rock! Rock!

Rock! Rock! Rock! Rock!!!

Smash, bash, clash, crash

Slam, bam, ram, scam

Asteroids!

We're the asteroids!

We're the asteroids!

We're the asteroids!

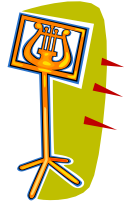
We rock. We rock. We rock.

**WE ROCK!!!!**

*HANNAH: Oh no! The asteroids crashed into my science project and broke it! I'll never finish it now! I'm going to fail for sure. I can't believe this. What am I going to do?*



# WE'RE THE SCIENTISTS



**SCIENTISTS:** *Yoo hoo! Hello! Buongiorno!*

**HANNAH:** *Yeah?*

**SCIENTISTS:** *You called?*

**HANNAH:** *Ummm - Are you who I think you are?*

**SCIENTISTS:** *I think we are who you think we are.*

*I'm Galileo.*

*I'm Isaac Newton.*

*And I'm Albert Einstein.*

**HANNAH:** *What are you doing here?*

**SCIENTISTS:** *We've come to take you out of your quagmire.*

**CHORUS:**

We're the scientists

We understand you

We're the experts

Don't be afraid to fail

We're the scientists

We want to help you

Believe you can do it

Take a breath and exhale

**EINSTEIN:**

Life's a big experiment

We don't know how and why

But your dreams will never come true

If you won't even try.

**GALILEO:**

They say the greatest risk

Is to risk nothing at all

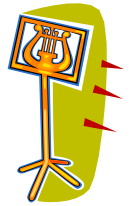
So get back on that horse

Every time you fall.

**HANNAH:**

That's easy for you to say - you're like the most famous geniuses ever. What would you guys know about failing?

# WE'RE THE SCIENTISTS



***GALILEO:***

Oh come on belle, nobody's perfect! Take it away Isaac.

***NEWTON:***

I made my big discovery  
When an apple fell on my head  
It could have been a bad day  
But I made a positive of it instead  
Because my mind was open  
I discovered a powerful law  
Gravity ruled our planet  
And the whole world was in awe

***GALILEO:***

Oh - you had it easy!

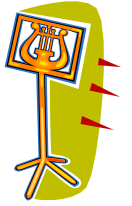
I designed the 1<sup>st</sup> telescope  
To investigate the sky  
But what I ended up discovering  
Actually made me cry.  
Nobody believed my ideas  
Even though I was correct  
When I tried to convince the public  
I was put under arrest!

***EINSTEIN:***

Oh - you think that's bad...

My relatives didn't get relativity  
They made fun of my hair  
They made me regret ever sharing  
That  $E=MC_2$   
But I persisted with my theory  
And found people who understood  
Now I'm a legend  
Like the Little Engine Who Could!

# WE'RE THE SCIENTISTS



## ***SCIENTISTS & HANNAH:***

Do you think you can?  
I think I can.  
Do you think you can?  
I think I can.  
Do you know you can?  
I know I can.  
Get it? Got it? Good.

## ***(CHORUS)***

## ***EINSTEIN:***

Scientists are curious people  
We never stop asking questions  
The answers lead to more queries  
And sometimes indigestion

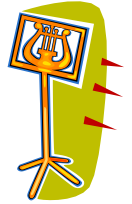
## ***NEWTON:***

To know is to ask  
To ask is to know  
If you're not facing your fears  
Then how will you ever grow?

For instance...

Copernicus shook things up when he said planets circled the Sun  
Fibonacci & his sequence took quite a while to find the sum  
Kepler's elliptical orbit idea was 1<sup>st</sup> taken as fiction  
And Darwin's very theory created controversial friction  
People told Benjamin Franklin to go fly a kite  
And because of Edison's tenacity, we now can see at night  
Mrs. Herschel had ups and downs before she won a prestigious honor  
Huygens skipped dinner observing Saturn's rings & yonder

# WE'RE THE SCIENTISTS



Pasteur and his Petri dishes made everybody squirm  
While Halley sat patiently waiting for his comet to return  
Marie Curie was radioactive before she won 2 Nobel Prizes  
And Hubble showed that the universe will always be different sizes  
Goddard was made fun of when he believed man could go to the moon  
While Stephen Hawking and his black holes really cleared the room.  
Gerard Kuiper gave us new techniques for looking at the sky  
But his ideas weren't even proven until 20 years after he died

We tell you all these facts, not to bring you down  
But to remind you that we're all human and we weren't always renowned  
It took years of hard work and belief in our dreams  
But no matter how tough it gets, it's never as bad as it seems

**ALL:**

'Cuz we're the scientists  
We understand you  
We're the experts  
Don't be afraid to fail  
We're the scientists  
We hope we've helped you  
Believe you can do it  
Take a breath and exhale

**NEWTON:** Bye!

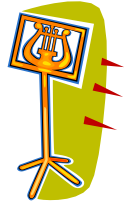
**GALILEO:** Ciao!

**EINSTEIN:** Auf wiedersehen!

**HANNAH:** Bye!

**EINSTEIN:** Hey Newton - do you have a brother named Fig?

# BIG BANG



**HANNAH:** *I know I can do it. I'm going to finish this project. And it's gonna turn out awesome. I'll just ask for a little help from my friends. Together we'll make a big bang.*

**SUN:**

Space! Solar System!

**PLANETS:**

Big Bang. Big-big Bang.

**MOONS:**

S-P-A-C-E. Space is where I've got to be.

**METEOR:**

S to the P to the A-C-E. Space is the only place for me.

**COMET:**

Big Bang

**ASTEROIDS:**

Big Bang. Big-Big Bang.

**GRAVITY DANCERS:**

Ooo-ooo. Ooo-ooo.

Big Bang.

**EVERYONE:**

Big Bang. Big-big Bang.

Big Bang.

**HANNAH:**

The only place for me. A place I can be free. S-P-A-C-E. It's where I've got to be.